

TEXAS RADIATION ADVISORY BOARD ANNUAL REPORT 1999

I. Dates of meetings of the Texas Radiation Advisory Board (TRAB)

Meeting Date	Committees Meeting
August 13, 1999	TRAB
June 12, 1999	TRAB
February 6, 1999	Waste & Industrial Medical NORM Executive TRAB
November 9, 1998	TRAB
October 3, 1998	Executive Waste & Industrial NORM Medical TRAB

NOTE: TRAB held four regular quarterly meetings and one special meeting by conference call.

II. Attendance

Date of Meeting	Attending	Absent
August 13, 1999	Michael S. Ford, C.H.P.; W. Kim Howard, M.D.; Glen K. King, D.V.M.; Dale E. Klein, Ph.D., P.E.; Jack S. Krohmer, Ph.D. Odis R. Mack;; Troy Marceleno, P.E.; Philip M. Wentworth; Thomas M. Burnette; Earl Erdmann; Justin P. LeVasseur, M.D.	Jimmy L. Barker, P.E.; Susan E. Best, M.D., Ph.D.; Bruce A. Matson, D.D.S.; Donald S. Butler; David N. Henkes, M.D.; Connie Rogers; William R. Underdown
June 12, 1999	Jack Krohmer, Ph.D.; Jimmy Barker, P.E.; Philip Wentworth; Kim Howard, M.D.; Troy Marceleno, P.E.; Michael S. Ford, C.H.P.; Susan Best, M.D., Ph.D.; Glen King, D.V.M.; Dale Klein, Ph.D.; Bruce Matson, D.D.S.; Odis Mack	Donald Butler; Connie Rogers; Tom Burnette; Justin LaVasseur, M.D.; William R. Underdown; Earl Erdmann; David Henkes, M.D.
February 6, 1999	Jack Krohmer, Ph.D.; Jimmy Barker, P.E.; Philip Wentworth; Kim Howard, M.D.; Troy Marceleno, P.E.; Tom Burnette; Justin P. LaVasseur, M.D.; William R. Underdown; Earl Erdmann; Michael S. Ford, C.H.P.; Susan Best, M.D., Ph.D.; Glen King, D.V.M.; Dale Klein, Ph.D.; David N. Henkes, M.D.	Donald Butler; Connie Rogers; Bruce Matson, D.D.S.; Odis Mack
November 9, 1998	Jack Krohmer, Ph.D.; Jimmy Barker, P.E.,; Odis Mack; P.E.; Philip Wentworth; Kim Howard, M.D.; Troy Marceleno, P.E.; Michael S. Ford, C.H.P.; Susan Best, M.D., Ph.D.; Tom Burnette; Justin LaVasseur, M.D.; William R. Underdown; Glen King, D.V.M.; Connie Rogers; Dale Klein, Ph.D.; Earl Erdmann; David Henkes, M.D.	Donald Butler; Bruce Matson, D.D.S.
October 3, 1998	Jack Krohmer, Ph.D.; Jimmy Barker, P.E.,; Odis Mack; P.E.; Philip Wentworth; Kim Howard, M.D.; Troy Marceleno, P.E.; Bruce Matson, D.D.S.; Michael S. Ford, C.H.P.; Susan Best, M.D., Ph.D.	Tom Burnette; Justin LaVasseur, M.D.; William R. Underdown; Glen King, D.V.M.; Connie Rogers; Donald Butler; Dale Klein, Ph.D.; David Henkes, M.D.; Earl Erdmann

Number of Meetings Attended

Member	Number of Meetings Attended - Total of 5	Percent Attended
Jimmy Barker, P.E.	4	80
Susan E. Best, M.D., Ph.D.	4	80
Thomas M. Burnette	2	40
Donald S. Butler	0	0
Earl P. Erdmann	2	40
Michael S. Ford, C.H.P.	5	100
David N. Henkes, M.D.	2	40
W. Kim Howard, M.D.	5	100
Glen K. King, D.V.M.	4	80
Dale E. Klein, Ph.D., P.E.	4	80
Jack S. Krohmer, Ph.D.	5	100
Justin P. LeVasseur, M.D.	3	60
Odis R. Mack	4	80
Troy Marceleno, P.E.	5	100
Bruce A. Matson, D.D.S.	2	40
Connie Rogers	1	20
William R. Underdown, Jr.	3	60
Philip M. Wentworth	5	100

III. Board Actions

Topic	Agency	Advice and Recommendations	Status
Memorandum of Understanding Regarding Radiation Control Functions	TDH	TRAB recommended adoption of TAC 289.101 "Memorandum of Understanding between the Texas Department of Health and the Texas Natural Resource Conservation Commission regarding Radiation Control Functions"	Rules adopted by Texas Board of Health

Topic	Agency	Advice and Recommendations	Status
Radon Emissions	TNRCC	TRAB recommended adoption of rule by reference for Texas Natural Resource Conservation Commission NESHAP - National Emission Standards for Hazardous Air Pollutants, 40 CFR Part 61 Subpart R National Emissions Standards for Radon Emissions from Phosphogypsum Stacks	Rules adopted by TNRCC
Near-Surface Land Disposal of Radioactive Waste	TNRCC	TRAB recommended proposed repeal of TAC 289.125 "Licensing Requirements for Near-Surface Land Disposal of Radioactive Waste"	Rules adopted by TNRCC
NORM Industrial Radiography Mammography Hearing and Enforcement Procedures	TDH	TRAB recommended proposal and adoption of revisions to: TAC 289.259 "Licensing of Naturally Occurring Radioactive Material (NORM)" TAC 289.255 "Radiation Safety Requirements and Licensing and Registration Procedures for Industrial Radiography" TAC 289.230 "Certification and Accreditation of Mammography Systems" TAC 289.205 "Hearing and Enforcement Procedures"	Rules adopted by Texas Board of Health
Memorandum of Understanding on In Situ Uranium Mining	TDH	TRAB recommended proposed repeal of Texas Department of Health rules TAC 289.81 "Memorandum of Understanding on In Situ Uranium Mining between the Texas Department of Health and the Texas Department of Water Resources"	Rules adopted by Texas Board of Health
Texas-AEC Regulatory Transfer Agreement	TDH	TRAB recommended proposed repeal of TAC 289.5 "Texas-AEC Regulatory Transfer Agreement"	Rules adopted by Texas Board of Health

Topic	Agency	Advice and Recommendations	Status
Practice of orthodontists making radiographs of hands	TDH	<p>TRAB recommended violations be cited for using dental x-ray machines to radiograph hands noting concerns about unnecessary exposure to the patient</p> <p>TRAB reviewed exposure data presented by inspectors with the Bureau of Radiation Control</p> <p>TRAB requested and received further information on education and recommendations of dental school training programs</p>	Policy used by Bureau of Radiation Control
Nuclear Medicine Physicians	TDH	TRAB appointed a subcommittee for review of NRC Part 35 rules on medical uses and made comments to the Nuclear Regulatory Commission on requirements for nuclear medicine physicians	Made comments to the Nuclear Regulatory Commission
Proposed Pit Disassembly and Conversion Facility at Pantex in Amarillo	TDH	TRAB supported proposed activities at Pantex and passed a resolution	Resolution sent to legislators
LASERS	TDH	TRAB recommended adoption of 25 TAC 289.301- "Registration and Radiation Safety Requirements for LASERS"	Rules adopted by Texas Board of Health
Memorandum of Understanding on Uranium Surface Mining	TDH	TRAB recommended adoption of repeal of 30 TAC 336.12 "Uranium surface mining Memorandum of Understanding between the Texas Department of Health, Texas Natural Resource Conservation Commission and Railroad Commission of Texas"	Rules adopted by Texas Board of Health

Topic	Agency	Advice and Recommendations	Status
Radioactive Waste	Governor	TRAB recommended the state move forward on the radioactive waste disposal needs of Texas and that the governor appoint commissioners to the Maine, Vermont and Texas commission	Recommendation sent to the governor

IV. Actions Requested by Texas Board of Health

The Board of Health asked that TRAB continue to provide recommendations on rules and technical issues.

V. Activities Anticipated

TRAB will be asked to make recommendations on proposal and adoption of rules and on policy issues.

Topic	Activities Anticipated
Transportation of radioactive materials	Review emergency planning and transportation issues related to the Waste Isolation Pilot Plant in New Mexico. Make recommendations on revision of rules.
Pantex (Department of Energy plant)	Continue to study the implications of the operations at the Pantex plant weapons dismantlement and storage plant in Amarillo and evaluate emergency response activities.

Topic	Activities Anticipated
General provisions and standards for protection against radiation	Recommend revisions on dual regulation of air emissions and on decommissioning.
Fees	Evaluate fees and make recommendations.
Well logging rules	Recommend rules.
Irradiator rules	Recommend rules.
General license rules	Recommend rules.
Radiation safety requirements for analytical x-ray machines	Recommend rules.
Licensing and radiation safety requirements for medical use of radioactive materials	Recommend rules.
Industrial accelerators and therapeutic use of radiation machines	Recommend rules.
Rules for dentists	Recommend new section combining all radiation control rules for dentists.
X-ray regulations	Recommend new section in rules incorporating general provisions and standards for protections against radiation for registrants.
Low-level radioactive waste disposal	Continue to make recommendations on getting an operating waste site in Texas.
Low-Level Radioactive Waste Compact Commission	Policy, rules, and fee issues surrounding a radioactive waste disposal compact with Maine and Vermont; develop relation with compact commission.
Texas Natural Resource Conservation Commission	Review issues related to waste disposal as needed.
Railroad Commission of Texas	Review rules on naturally occurring radioactive material (NORM) as needed. Review study on NORM to be conducted by commission.
Texas Low-Level Radioactive Waste Disposal Authority statutory duties	Provide recommendations on transfer to and operation within Texas Natural Resource Conservation Commission.
Legislation	Continue to participate in hearings and discussions on legislation relating to radiation and interim studies and hearings.

VI. Amendments to T.A.C. 289.130 - None requested

VII. TRAB Expenses for FY 1999

Expense	Amount
Reimbursement of members	\$ 6,575.98
Staff time in support of the board	\$ 18,468.42
Other operating	\$ 471.54
TOTAL	\$ 25,515.94

Source: TDH Expenditure Allocations through June 1999